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FM-LW-MW-SW ALL BAND RECEIVER

Radio

RF-B40

(Black)

This is the Service Manual for the following areas.

[ZI]...For Italy and Finland.

[ZG]...For F.R. Germany

- Please use this manual together with the service manual for model No. RF-B40DL [X] order No. GAD8705090C3.
- This service manual indicates the main differences between; Original RF-B40DL [X] and RF-B40DL [ZI] [ZG].

CHANGES

SPECIFICATIONS

Frequency Range: SW; 1.615~29.995 MHz

Intermediate Frequency: AM (MW, LW, SW); 450 kHz

Power Requirement:

AC; [X] 110~127/220~240 V, 50/60 Hz with included AC adaptor

RF-B40DL [X] (Original)

ALIGNMENT POINTS

AM (1) 2nd 450±0.5 kHz T9

AM (2) 2nd 450±0.5 kHz

RF-B40DL [X] (Original)

Frequency Range:

[ZG]...SW; 1.615~26.1 MHz [ZI]...SW; 3.8~26.1 MHz

Intermediate Frequency: AM (MW, LW, SW); 459 kHz

Power Requirement:

AC; [ZI] [ZG] 220 V, 50 Hz

with included AC adaptor

RF-B40DL [ZI] [ZG]

AM (1) 2nd 459±0.5 kHz T9

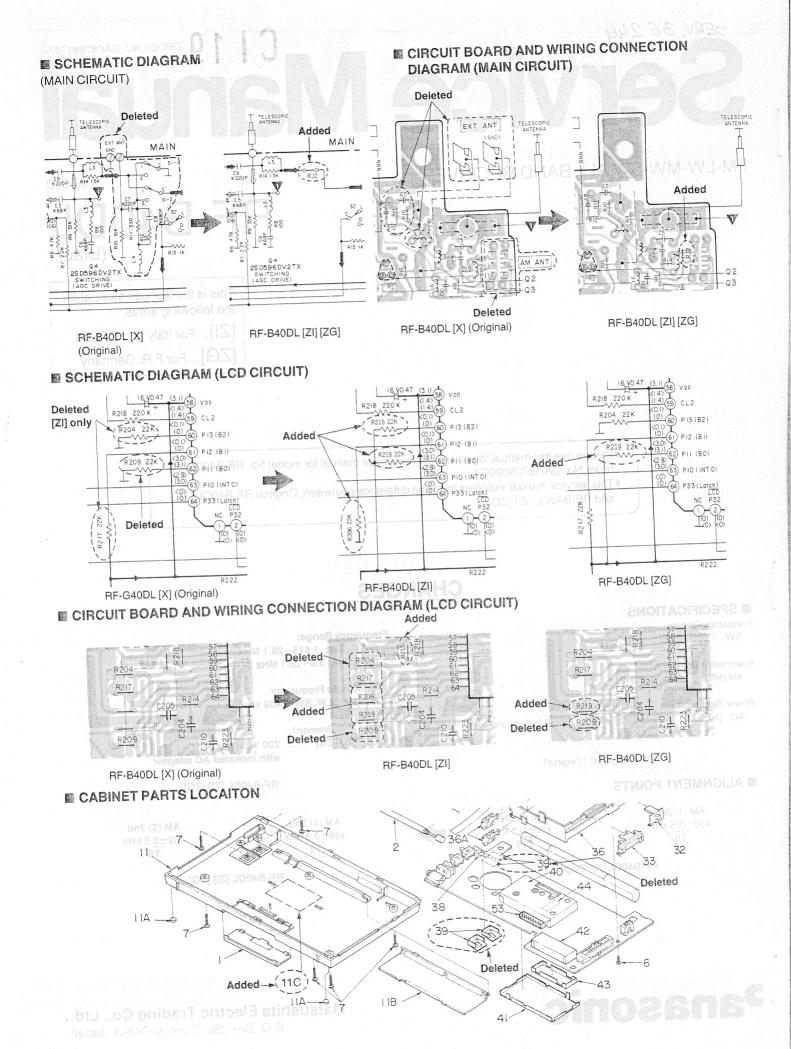
AM (2) 2nd 459±0.5 kHz T8

RF-B40DL [ZI] [ZG]

Panasonic

Matsushita Electric Trading Co., Ltd.

P.O. Box 288, Central Osaka, Japan



MEASUREMENTS AND ADJUSTMENTS

FM VCO, SW VCO, AM LOCAL OSC ALIGNMENT

	BAND	FREQUENCY DISPLAY SETTING	DC DIGITAL VOLTMETER	FREQUENCY COUNTER	ADJUSTMENT	REMARKS	
				SW VCO A	ALIGNMENT		7
(2)	sw	29.995 MHz	Ψ (+) Ψ (−)		L15	Adjust L15 for 9.0 \pm 0.1 V reading on DC digital voltmeter.	

AM IF ALIGNMENT

AM-IF (2nd) ALIGNMENT

(12)	АМ	Fashion loof of several turns of wire and radiate signal into loop of receiver.	450 kHz 30% Mod. with 400 Hz.		Output meter across Voice coil.	T9 (1st) T8 (2nd)	Adjust for maximum output.	
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RF-B40DL [X] (Original)



FM VCO, SW VCO, AM LOCAL OSC ALIGNMENT

	BAND	FREQUENCY DISPLAY SETTING	DC DIGITAL VOLTMETER	FREQUENCY COUNTER	ADJUSTMENT	REMARKS		
	SW VCO ALIGNMENT							
(2)	sw	(26.1 MHz)	₩ (+) ₩ (-)		L15	Adjust L15 for 9.0 \pm 0.1 V reading on DC digital voltmeter.		

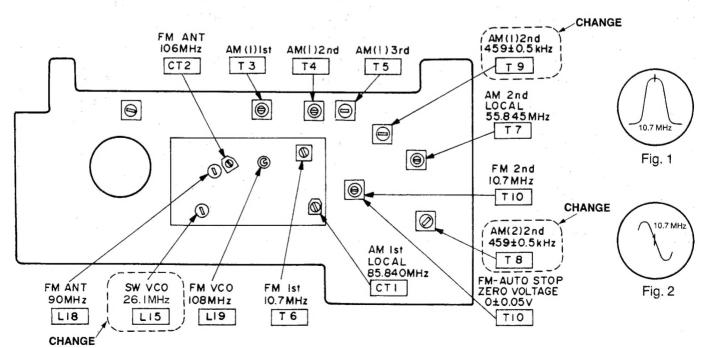
AM-IF (2nd) ALIGNMENT

(12)	АМ	Fashion loof of several turns of wire and radiate signal into loop of receiver.	459 kHz 30% Mod. with 400 Hz.		Output meter across Voice coil.	T9 (1st) T8 (2nd)	Adjust for maximum output.
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RF-B40DL [ZI] [ZG]

ALIGNMENT POINT

• Please refer to Circuit Board and Wiring Connection Diagram for test point locations.





PARTS COMPARISON TABLE

Notes:

 Important safety notice Components identified by
 <u>A</u> mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

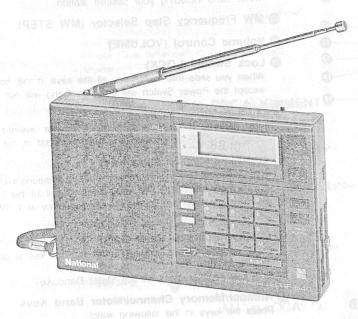
2. The letter in square brackets in the Remarks column indicates the shipping destination. [ZI]...For Italy and Finland

[ZG]...For F.R. Germany

		Part	Number		
Ref. No.	Description	RF-B40DL [X] (Original)	RF-B40DL [ZI] [ZG]	Remarks	
C7	Capacitor	RCUV1H221K		Deleted	
C8	Capacitor	RCUV1H681KB		Deleted	
R11	Resistor	RRJ6GCJ331TE		Deleted	
R12	Resistor	RRJ6GCJ330		Deleted	
R204 [ZI]	Resistor	RRJ6GCJ223TE		Deleted	
R206 [ZI]	Resistor, 1/10 W, 22 kΩ		RRJ6GCJ223TE	Added	
R209	Resistor	RRJ6GCJ223TE		Deleted	
R215 [ZI]	Resistor, ½ o W, 22 kΩ		RRJ6GCJ223TE	Added	
R217 [ZI]	Resistor	RRJ6GCJ223TE		Deleted	
R219	Resistor, 1/10 W, 22 kΩ		RRJ6GCJ223TE	Added	
RJ2	Jumper		RRJ6GCJ000TE	Added	
L4	Coil	RLQZN220K-D		Deleted	
CF2	Ceramic Filter	RVF450UI1-M	RVF459UI1-M		
S1	Switch, Antenna	RSS2B43Y		Deleted	
X2	Crystal	RVCA55395NRW	RVCF55386NRW		
11 [ZI]	Rear Cabinet Ass'y	RYFFB40LX	RYFFB40DLZI		
11 [ZG]	Rear Cabinet Ass'y	RYFFB40LX	RYFFB40DLZG		
11C [ZI]	Name Plate		RGT1318WA-0	Added	
11C [ZG]	Name Plate		RGT1318XA-0	Added	
12 [ZI]	Front Cabinet Ass'y	RYMFB40LX	RYMFB40DLZI		
12 [ZG]	Front Cabinet Ass'y	RYMFB40LX	RYMFB40DLZG		
36	Chassis Ass'y	RZAFB40LX	RZAFB40DLZG		
39	Terminal	RJT1093ZA	·	Deleted	
A1	Antenna Cord	RSA805ZA		Deleted	
A2	Plug	RJP120ZS		Deleted	
A4	AC Adaptor ∆	RD9496XR	RD9496SXGR		
A5	Instruction Manual	RQX5011ZA	RQX5048ZA		
A6	Carrying Case	RQD248ZA-0	RQD248YA-0		
P3	Carton Box	RPK2549ZB	RPK2584ZA		
P6	Cushion		RPE688ZA	Added	

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FM-LW-MW-SW ALL BAND RECEIVER



Radio

(Black)

This is the Service Manual for the following area.

[X]....For Asia,Latin America,Middle East and Africa areas.

[XL]....For Australia.

■ SPECIFICATIONS

Frequency Range:

Intermediate Frequency:

Sensitivity: A lament 3 (3)

olok ank policy many a Power Requirement:

Power Consumption: Power Output: Speaker: AM SensitivityItuquocior (AM SENS) Dimensions: Weight:

FM; 87.5~108MHz

LW; 146~288KHz

Lvv, 140~288KHZ MW; 522~1611KHz(at 9KHz step) 520~1610KHz(at 10KHz step) SW; 1.615~29.995MHz

FM; 10.7MHz

AM(MW,LW,SW); 450KHz

FM; 2.5µV/50mW output(-3dB Limit Sens)

LW; 563µV/m/50mW output (at 281KHz, S/N 20dB)

MW; 45µV/m/50mW output

MW; 45µV/m/50mW output SW; 11µV/50mW output (at 6MHz,S/N 20dB) Battery; 6V (four UM-3,"AA"size batteries) AC;(X)....110~127/220~240V,50/60Hz with included AC adaptor (XL)...240V,50Hz with included AC adaptor

5W(AC Only) 550mW (RMS Max.)

8cm PM Dynamic Speaker (8 Ω) was the vibration in behind reflies

Earphone; σ 3.5 (8 Ω)

Power Battery Check Hidicator (POWET mm(D)x87(D)mm13WO9)

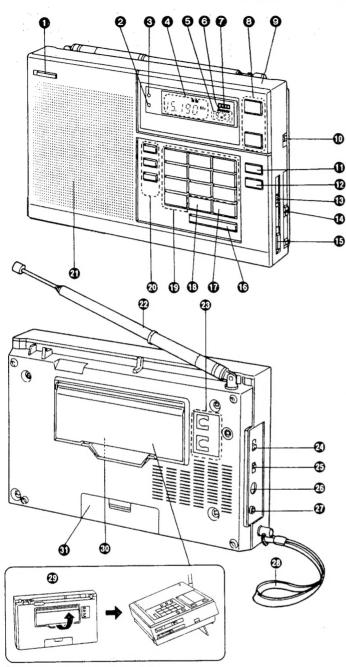
480g Without Batteries

Design and specefications are subject to change without notice.



Matsushita Electric Trading Co., Ltd. P.O. Box 288, Central Osaka Japan

LOCATION OF CONTROLS



- Power Switch (POWER)
- 2 Tuning Indicator (TUNING)
 - •When tuned in correctly, this indicator will light.
- O Power/Battery Check Indicator (POWER/BATT)

LCD Multi Display

- Band/Frequency Display
- 6 Meter Band Display

appears when the tuning is done within the meter band. (except for 11 meter band)

- Memory and Memory Channel Indicator appears when the memory tuning is done.
- Cock Indicator appears when the receiving is locked by sliding the Lock Switch.
- **③** Up and Down Keys (∧ ∨)

Press the Up Key (\land) or Down Key (\lor) to make the frequency change up or down during Manual Tuning and Auto Scan Tuning.

- Short Wave Frequency Allocation
- Tone Selector (TONE)
- Trequency Direct Access Key (FREQ) Press the key before entering the frequency number.
- Meter Band Direct Access Key (METER)
 Press the key before calling the lowest frequency of the SW

meter band including your desired station.

- (B) MW Frequency Step Selector (MW STEP)
- (VOLUME) Volume Control
- (b) Lock Switch (LOCK)

When you slide this switch up, all the keys in the front panel except the Power Switch will be locked and will not operate.

(Enter Key (ENTER)

After entering the frequency number of your desired station, press the key to begin receiving the broadcast of the station.

Memory/13 Meter Band Key

Use the key first when you preset the desired stations into each of the memory channels. This key also functions as the 13 Meter Band Key, which can call the lowest frequency of a SW meter hand

1 Decimal Point/16 Meter Band Key

For Frequency Direct Access Tuning, use the key to enter the decimal point of the frequency.

This key also functions as the Meter Band Key.

Number/Memory Channel/Meter Band Keys

Press the keys in the following ways.

- In Frequency Direct Access Tuning, to enter the frequency number of your desired stations.
- •In Memory Tuning, to preset and call the stations.
- •In Meter Band Direct Access Tuning, to call the lowest frequency of a SW meter band.
- Band Select Keys
- 4 Speaker (8 cm, 8Ω)
- @ Telescopic Antenna
- **External Antenna/Earth Terminals**

In most areas the model's ferrite antenna and telescopic antenna will provide sufficient reception. However, it is a good idea to connect an external antenna to these terminals when receiving weak-signal broadcasts or when using the radio in a fringe area.

2 AM Antenna Selector (AM ANT)

Select "INT" or "EXT" when using the antenna. The selector doesn't work for FM reception.

49 AM Sensitivity Selector (AM SENS)

Normally set to "DX". When the reception is impaired or interfered by powerful station, set to "LOCAL". The selector cannot operate for FM reception.

- **②** DC Input Jack (DC IN 6 V ⊖ ③ ⊕)
- ② Earphone Jack (ⓒ) (Ø3.5, 8Ω)

Connect the included earphone to the jack.

- •Adjust the volume to lower level so as not to injure your ear.
- Carrying Strap
- Stand

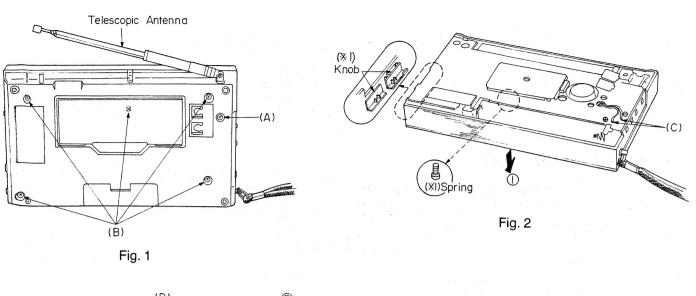
By using the stand, it is easy to operate.

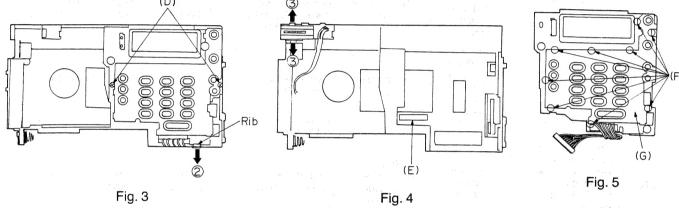
Station Reminder (STATION REMINDER)

Open the Stand and attach the included Memory Channel Sheets to the Station Reminder. It is useful for Memory Tuning.

Battery Compartment

DISASSEMBLY INSTRUCTIONS





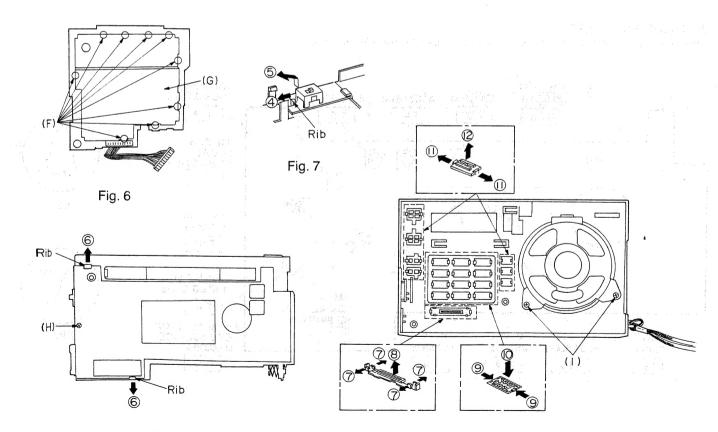


Fig. 8

Fig. 9

-3- pulation contact theoretical contact of the second section of the section of th

Steps	Shown in Fig. —.	To remove—.	Remove—.
1	1	Telescopic Antenna	Screw (2.6×14) mm
2	1	Rear Cabinet	Screw (2.6×14) mm (B)×5
3			Remove the solder (C) from speaker terminal.
4	2	Front Cabinet (※1)	Remove the front cabinet in the direction of arrow ①.
5			Screw (2×5) mm
6	3		Push the rib in direction of arrow ② and remove the LCD circuit board.
7	4	LCD Circuit Board	Socket (CP1) (E)×1
8	5, 6		Desolder the 18 points
9	3, 3		Shield Plate (G)×2
10	4	Power Switch Knob	Push the rib in direction of arrows ③ and remove the power switch knob.
11	7	Power Switch Circuit Board	Push the rib in the direction of arrow (a) and remove the power switch circuit board in the direction of arrow (5).
12			Screw (2×5) mm (H)×1
13	8	Main Circuit Board	Push the rib in the direction of arrows (6) and remove the main circuit board.
14	9	Speaker	Screw (2.6×8) mm(I)×2
15	9	ENTER Key	Push the rib in the direction of arrows ⑦ and remove the button in the direction of arrow ⑧.
16	9	MEMORY, DECIAL POINT and NUMBER Key	Push the rib in the direction of arrows (9) and remove the buttons in the direction of arrow (0).
17	9	BAND, DIRECT ACCESS and MANUAL TUNING Key	Push the rib in the direction of arrows (1) and remove the buttons in the direction of arrow (2).

^(*1) Remove the front cabinet as shown in Fig. 2. At this time, be careful not to loose the spring and knobs.

■ HOW TO REPLACE (MAIN CIRCUIT BOARD)

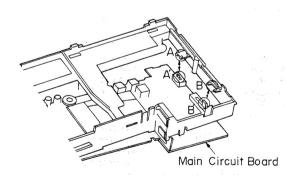


Fig. 10

During installation, simultaneously fit in A and A', B and B'.

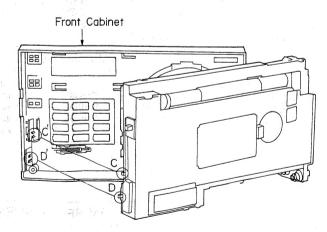


Fig. 11

2. During installation, simultaneously fit in C and C', D and D'.

MEASUREMENTS AND ADJUSTMENTS

MALIGNMENT INSTRUCTIONS

3. RF voltmeter.

Note: 1. Set power on switch to ON. 2. Set volume control to MAXIMUM. 3. Set tone select switch to HIGH. 4. Set lock switch to OFF. EQUIPMENT REQUIRED 1. Frequency counter. 2. Oscilloscope (Dual dimension). Set sens switch to DX. 6. Set sens switch to DX. 6. Set MW frequency step select switch to 9 kHz. 7. Set band switch to LW, MW, SW or FM. 8. Set power source voltage to 6 V DC. EQUIPMENT REQUIRED 1. Frequency counter. 2. Oscilloscope (Dual dimension). 5. Ampere meter.

6. Signal generator.

FM VCO, SW VCO, AM LOCAL OSC ALIGNMENT

	BAND	FREQUENCY DISPLAY SETTING	DC DIGITAL VOLTMETER	FREQUENCY COUNTER	ADJUSTMENT	REMARKS		
				FM VCO	ALIGNMENT			
(1)	FM	108.00 MHz	₩(+)		L19	Adjust L19 for 9.0 \pm 0.1 V reading on DC digital voltmeter.		
	SW VCO ALIGNMENT							
(2)	sw	29.995 MHz	₩(+) ₩(-)		L15	Adjust L15 for 9.0 ± 0.1 V reading on DC digital voltmeter.		
			Al	M 1st LOCAL	OSC ALIGNM	MENT		
(3)	AM	29.995 MHz		\psi(+)	CT1	Adjust CT1 for 85.840 MHz ± 50 Hz reading on frequency counter.		
			AM	2nd LOCAL (OSC ALIGNM	ENT		
(4)	AM	29.995 MHz		\vec{\vec{\vec{\vec{\vec{\vec{\vec{	Т7	Adjust T7 for 55.845 MHz \pm 50 Hz reading on frequency counter.		

FM IF, RF, AUTO STOP ZERO VOLTAGE ALIGNMENT

	BAND	SIGNAL GENERATO GENERAT		FREQUENCY DISPLAY SETTING	INDICATOR (ELECTRONICS VOLTMETER	ADJUSTMENT	REMARKS
	BAND	CONNECTIONS	FREQUENCY	SETTING	or SCOPE)	ADJUSTNIENT	NEWARKS
			F	M-IF ALIGNME	NT		
(5)	FM	Connect to test point through 0.001 µF. Negative side to test point .	10.7 MHz (400 Hz SWP.)	Point of non- interference. (on/ about 90 MHz)	Connect vert. amp. of scope to test point V. Negative side to test point V.	T6 (FM 1st IFT)	Adjust of maximum amplitude. (Refer to fig. 1.)
(6)	FM		<i>n</i>	u	n	T10 (FM 2nd IFT)	Adjust for maximum amplitude. (Refer to fig. 2.)
				FM-RF ALIGNM	IENT		
(7)	FM	Connect to test point Through FM dummy antenna. Negative side to test point T.	90.00 MHz	90.00 MHz (CH2)	Connect vert. amp. of scope to test point . Negative side to test point .	L18 (FM ANT Coil)	Adjust for maximum output.
(8)	FM	u	106.00 MHz	106.00 MHz (CH4)	"	CT2(FM ANT Trimmer)	Adjust for maximum output. Repeat steps (8). (7),

-5-

			FM-AUT	O STOP ZERO V	OLTAGE ALIGN	IMENT	
(9)	FM	Connect to test point through FM dummy antenna. Negative side to test point	98.00 MHz (40 dB No Mod.)	98.00 MHz (CH3)	Connect vert. amp. of scope to test point . Negative side to test point .	T10	Adjust T10 for 0 ±0.05 V electronics voltmeter reading.

No

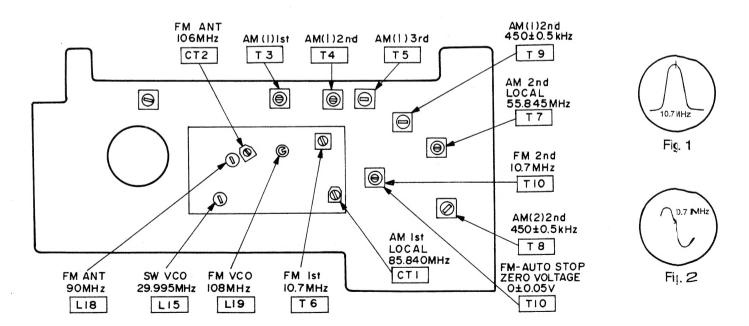
1.

SW IF, LW IF TRAP ALIGNMENT

	BAND	SIGNAL GENERATO GENERAT		FREQUENCY DISPLAY SETTING	INDICATOR (ELECTRONICS VOLTMETER or	ADJUSTMENT	REMARKS
		CONNECTIONS	FREQUENCY	02111110	SCOPE)		
			F	AM-IF (1st) ALIG	NMENT		
(10)	AM	\Psi (+)	55.845 MHz 95 dB, 4% Mod. with 1 kHz (Frequ. Mod.)	10.000 MHz (CH1)	Connect vert. amp. of scope to test point . Negative side to test point .	T3 (1st) T4 (2nd)	Adjust for flat and maximum output.
(11)	АМ	₩ (-)	10.000 MHz 30% Mod. with 400 Hz (Ampli. Mod.)	10.000 MHz (CH1)	Output meter across Voice coil.	T5 (3rd)	Adjust for maximum output.
	AM-IF (2nd) ALIGNMENT						
(12)	АМ	Fashion loof of several turns of wire and radiate signal into loop of receiver.	450 kHz 30% Mod. with 400 Hz.	Point of noninterference. (on/about 600 kHz).	Output meter across Voice coil.	T9 (1st) T8 (2nd)	Adjust for maximum output.

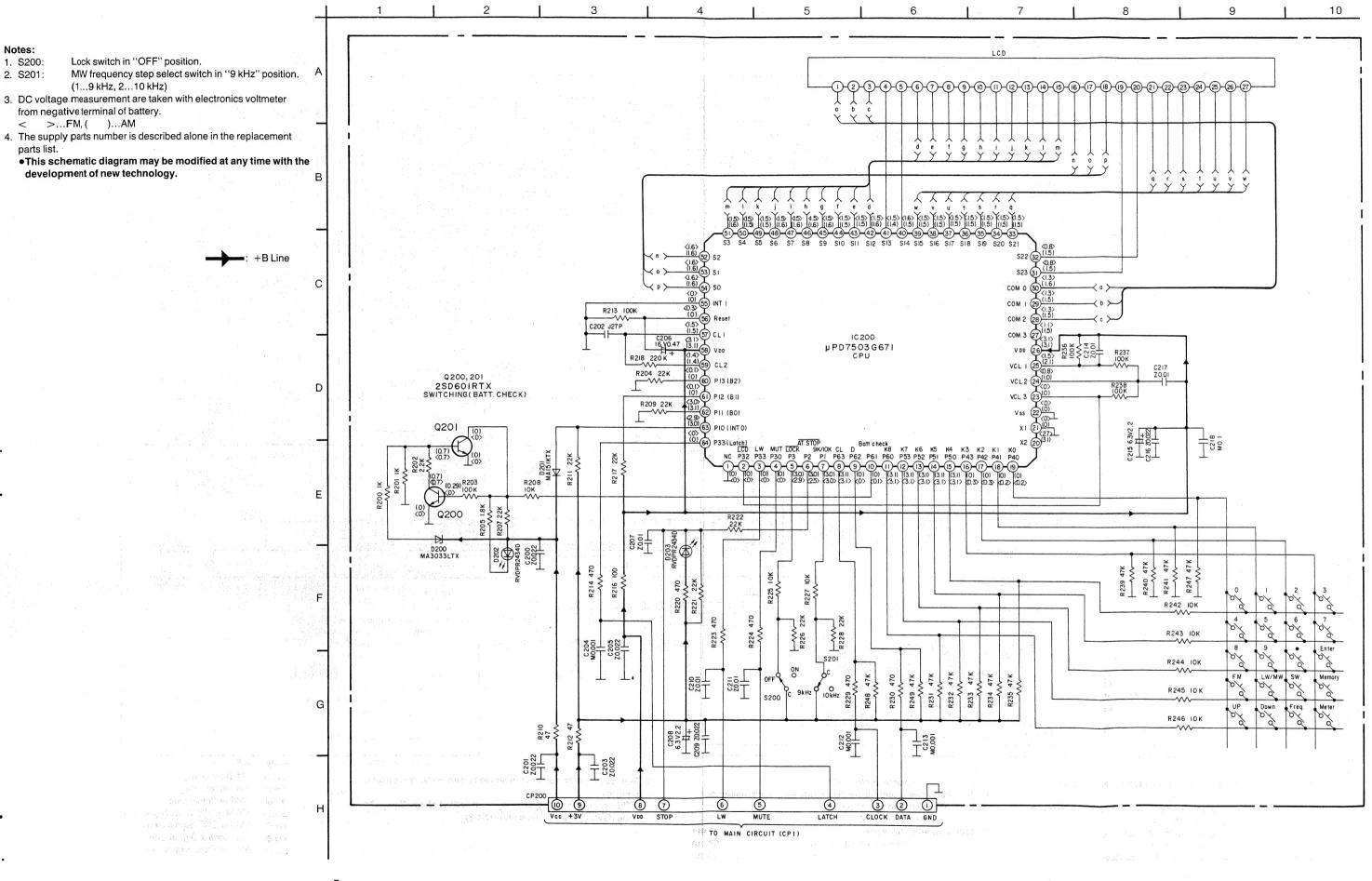
ALIGNMENT POINT

^{*}Please refer to Circuit Board and Wiring Connection Diagram for test point locations.



 \blacksquare Be sure to fold at the (\blacksquare) mark so that mark is on the outside. $^{-6}$

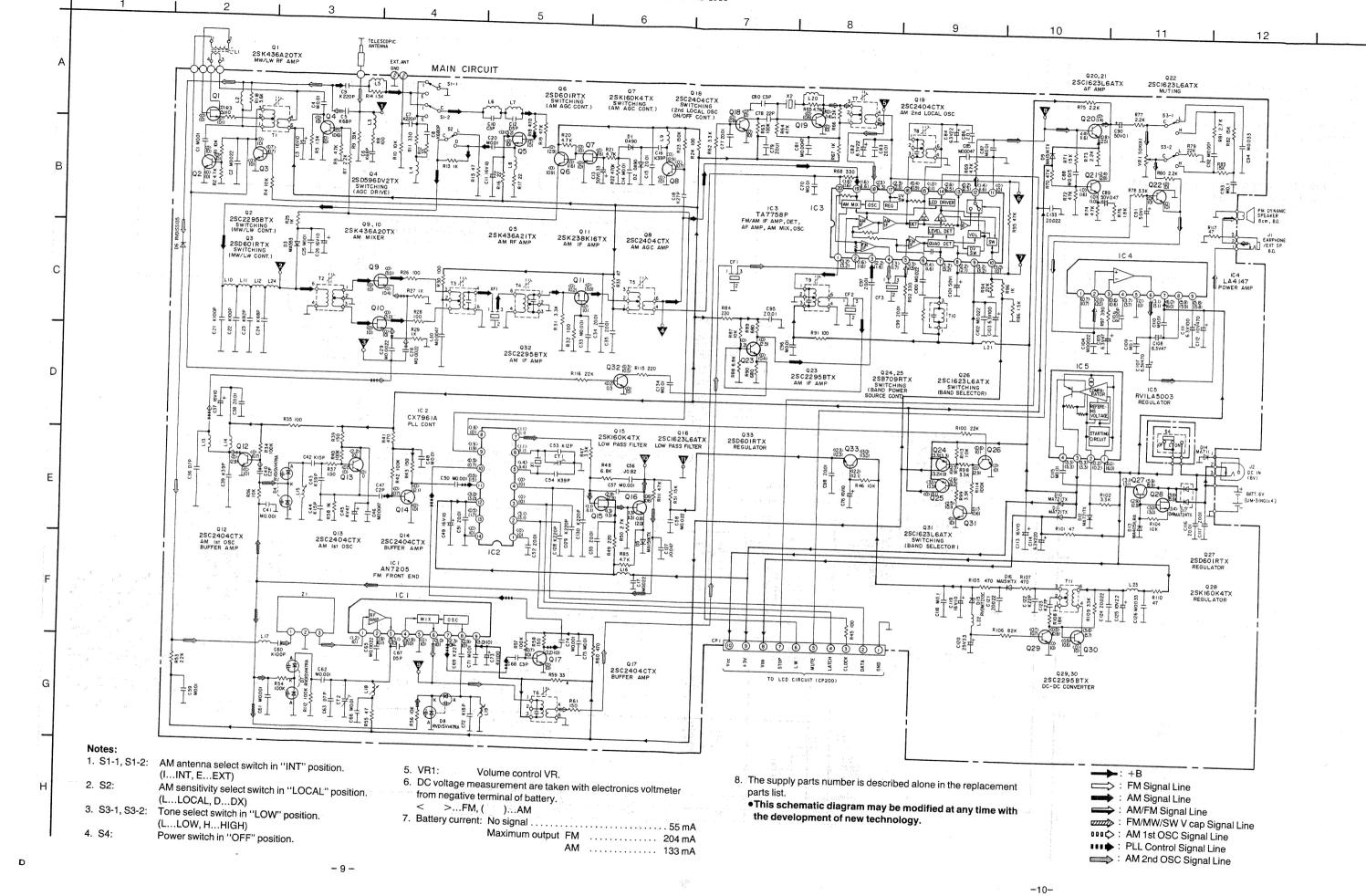
SCHEMATIC DIAGRAM



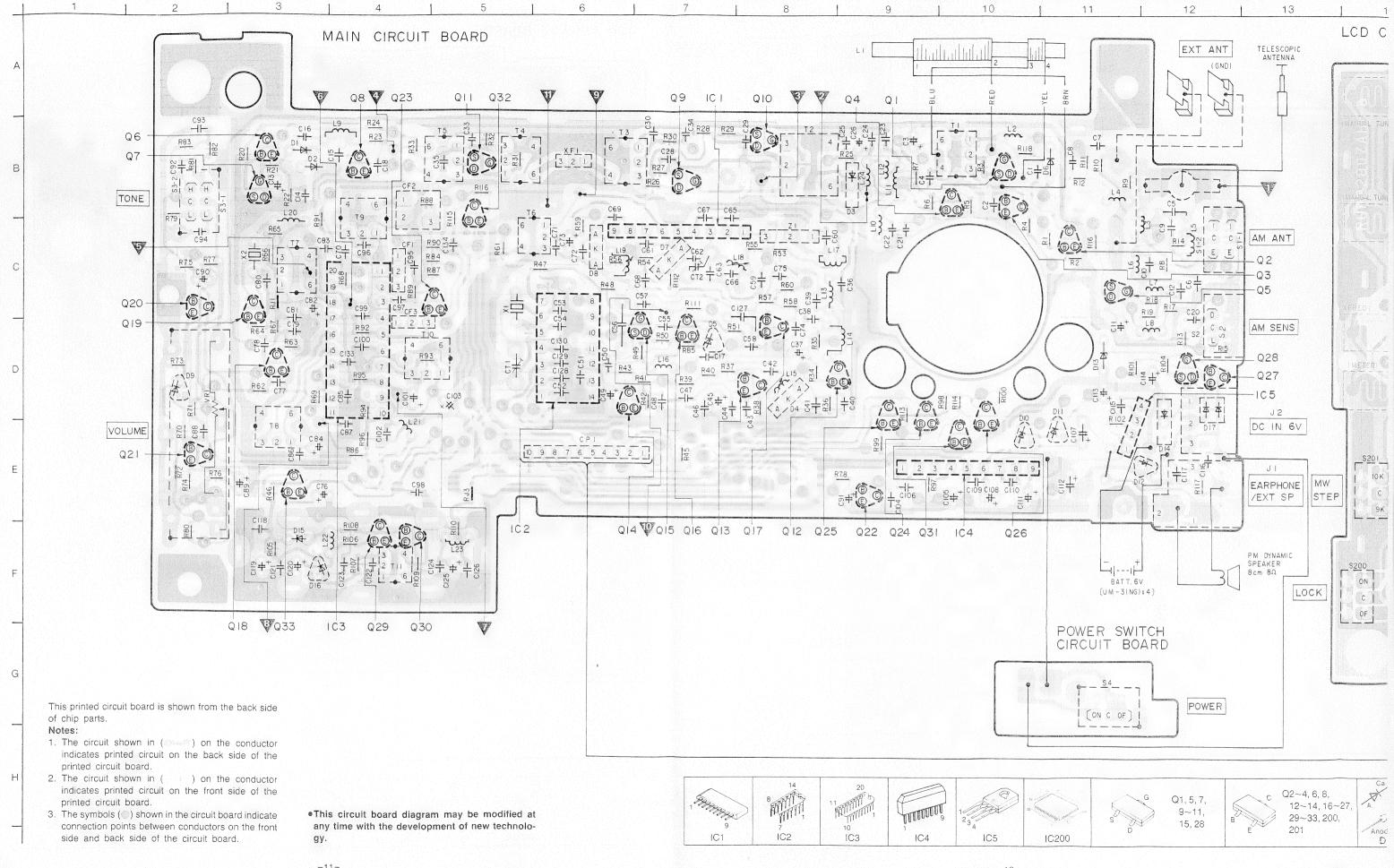
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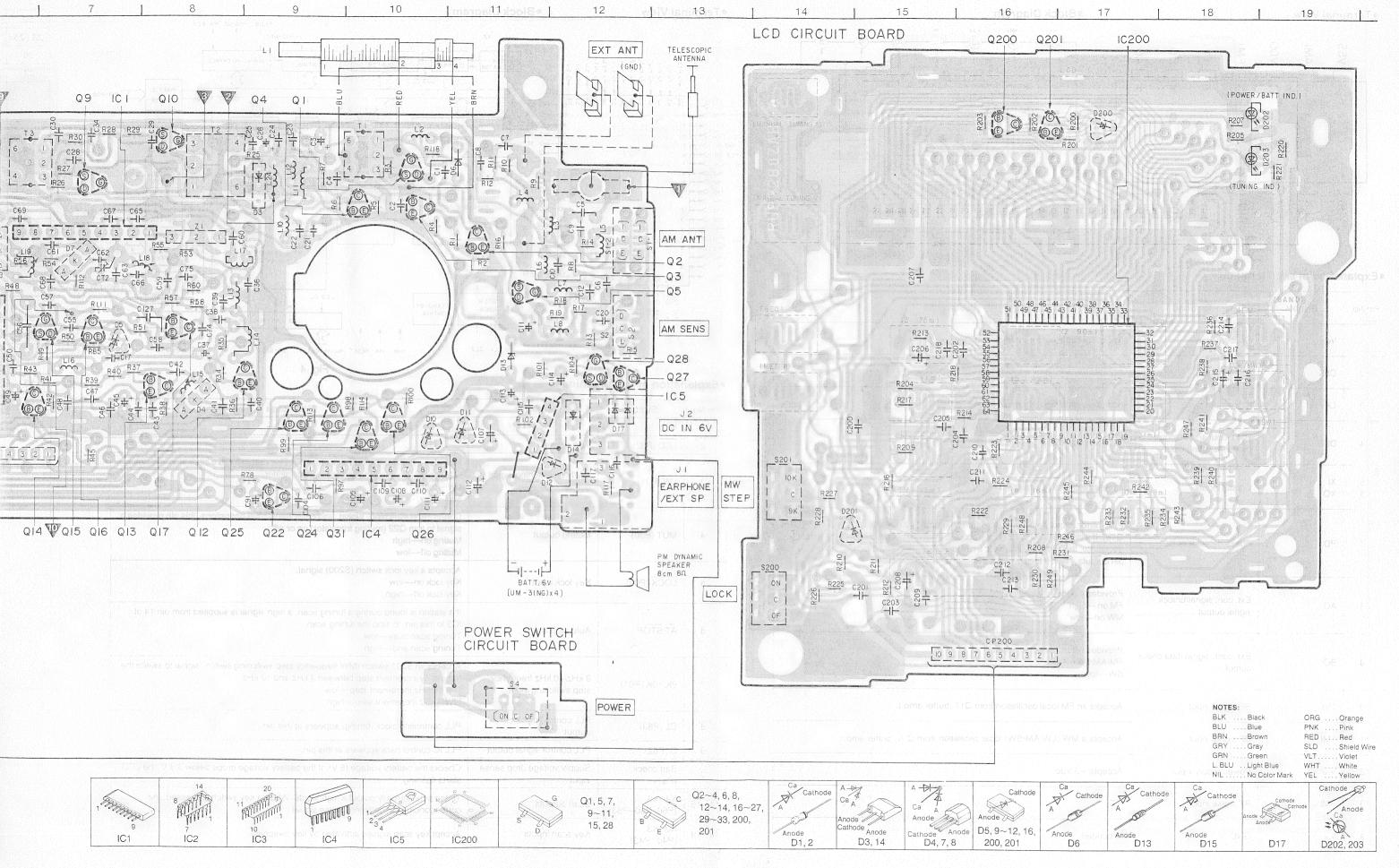
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SCHEMATIC DIAGRAM



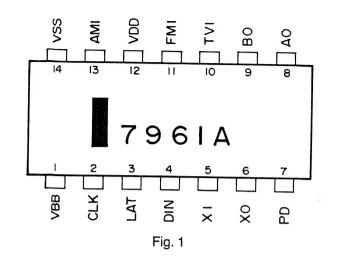
CIRCUIT BOARD AND WIRING CONNECTION DIAGRAM



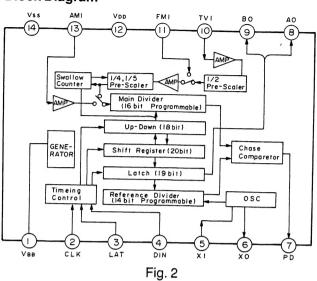


IC FUNCTION CHART (IC2: CX7961A)

Terminal View



Block Diagram



• Explanation of each terminal

Pin No.	Symbol	Terminal	Description
1	V _{вв}	Substrate pin	Accepts a capacitor for reference voltage.
2	CLK	Clock input	Accepts a clock signal from pin 8 of IC200 (CPU).
3	LAT	Latch input	Accepts a latch signal from pin 64 of IC200 (CPU).
4	DIN	Data input and up/down mode switching input	Accepts data from pin 9 of IC200 (CPU).
5 6	XI XO	Crystal inputs	Accepts a crystal (4.5 MHz).
7	PD	Phase detector output	PLL's error output appears at this pin. The output signal is applied to a L.P.F. (Q15, Q16). If a divided OSC frequency (received frequency) exceeds the reference frequency, this pin outputs a high; if it is lower than the reference frequency, this pin outputs a low. If the two frequencies match, the pin floats.
8	AO	Ext. con. signal/unlock signal output	Provides a band mode switching signal: FM on—high MW on—low
9	во	Ext. cont. signal/data check output	Provides a band switching signal: FM/AM/LW—high SW—low
10	TVI	RF signal input	Accepts an FM local oscillation from Q17 (buffer amp.).
11	FMI	RF signal input	Accepts a MW (LW/AM/SW) local oscillation from Q14 (buffer amp.).
12	V _{DD}	Power supply input	Accepts +3 Vdc.
13	АМІ	RF signal input	NC
14	Vss	GND	Grounded.

IC FUNCTION CHART (IC200: UPD7503G671)

Pin No

20

21

23~2! 26

27

28

29

30

31~54

55

56

57

59

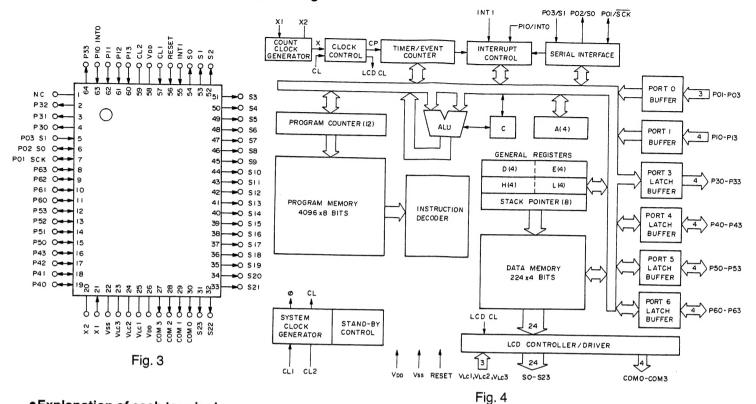
58

60~62

63 64

Terminal View

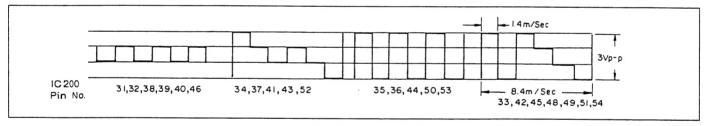
Block Diagram



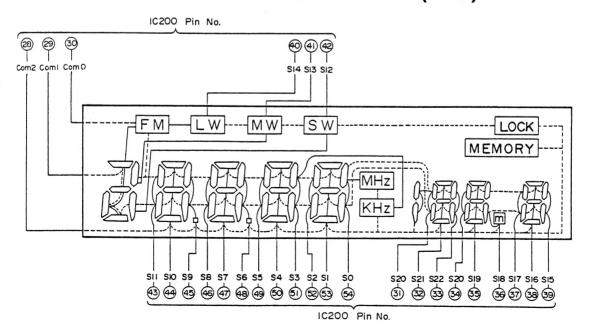
Explanation of each terminal

Pin No.	Symbol	Terminal	Description			
1	NC					
2	LCD (P32)	Port output				
3	LW (P31)	LW/MW switching signal output	Provides a high for LW and a low for MW. This output turns a switching transistor, Q18, on/off to control the second local oscillator. LW—high MW—low			
4	MUT (P30)	Muting output	During band switching, tuning, and other transiental operations, this pin provious signal to turn Q22 (muting transistor) on or off. Muting on—high Muting off—low			
5	LOCK (P03)	Key lock input	Accepts a key lock switch (S200) signal. Key lock on—low Key lock off—high			
6	AT STOP	Auto stop input	If a station is found during a tuning scan, a high signal is supplied from pin 14 of IC3 to this pin, to stop the tuning scan. Tuning scan busy—low Tuning scan end—high			
7	9K/10K (P01)	9 kHz/10 kHz frequency step switching input	Accepts an S201 switch (MW frequency step switching switch) signal to switch the frequency increment step between 9 kHz and 10 kHz. MW 10 kHz increment step—low MW 9 kHz increment step—high			
8	CL (P63)	PLL controlling clock output	PLL controlling clock (timing) appears at this pin.			
9	D (P62)	PLL control signal output	PLL IC control data appears at this pin.			
10	Batt check (P61)	Supply voltage drop sense input	Checks the battery voltage (6 V). If the battery voltage drops below 3.8 V, the LCD starts flashing.			
11~15	K4-K8 (P60, P50-P53)	Scan outputs	These pins normally output a high signal. When a key switch is pressed, the corresponding pin delivers a pulse signal.			
16~19	K0-K3 (P40-P43)	Key scan inputs	Accept key scan signals activated by key switches.			

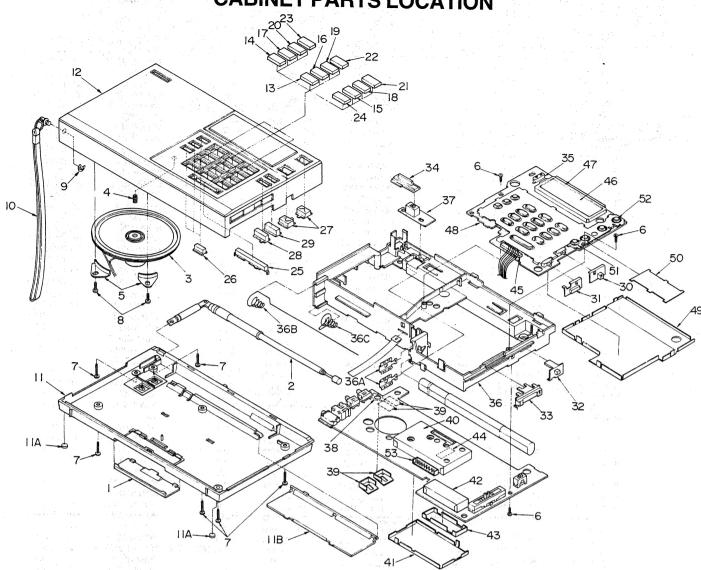
Pin No.	Symbol	Terminal	Description
20 21	X1 X2	Crystal inputs	
22	Vss	GND	Ground pin.
23~25	CL3-CL1	LCD power supply input	Accepts LCD driving power supply.
26	V _{DD}	Power supply input	Accepts +3 Vdc.
27	сомз	Common output	NC
28 29 30	COM2 COM1 COM0	LCD common signal output	COM0 V _{LC1} V _{LC2} V _{LC3} COM1 COM2
31~54	S0-S23	LCD segment outputs	The output waveforms appearing at these pins differ from each other depending on the segment and display data (see Fig. 5).
55	INT1	Ext. interrupt input	To be grounded.
56	RESET	Reset input	Accepts a time constant R213 (100 k Ω)/C206 (0.47 μ F) to reset the device at power on.
57 59	CL1 CL2	System clock time constant inputs	Accept C202 (27 pF) and R218 (220 $\rm k\Omega$) to provide a time-base frequency for the timer and counter.
58	VDD	Power supply input	Accepts +3 Vdc.
60~62	B0-B2 (P11-P13)	Destination selecting inputs	Used to select frequency bands for different destination countries by applying high and low signals.
63	INT0 (P10)	Power on/off signal input	Used to check power is applied to the device.
64	Latch (P33)	Latch signal output	Provides an end-control signal to the external PLL IC (CX7961A).



LIQUID CRYSTAL DISPLAY (LCD)



CABINET PARTS LOCATION



CABINET PARTS LIST

Ref. No.	Part No.	Part Code	Description	PR 4 44	Part No.	Part Code	Description
CABINET AND CHA	ASSIS	La Liveria		27	RBC1186ZA-0	015 702 4779 2	BUTTON, TUNING
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	1KKAB40ZA-0	015 820 8847 2	BATTERY COVER	- 28	RBC1187ZA-0	015 702 4780 9	BUTTON, METER
2	XEARS125GB-Y	002 390 1650 7	TELESCOPIC ANTENNA	29	RBC1188ZA-0	015 702 4781 8	
3	RAS8P32ZA-D	001 260 3862 2	SPEAKER	30	RBD429ZA		KNOB, MW STEP
4	RUQ98ZA	015 726 3117 6		31	RBD430ZA	015 700 4331 0	KNOB LOCK
5	RMS12B	015 632 5726 0		32	RBD432ZA	015 700 4333 8	KNOD TONE
6	XTNR2+5C	005 501 4869 9		33	RBD433ZA	015 700 4334 7	KNOB, VOLUME
7	XTN26+14JFZ	005 501 2663 9		34	RBD494ZA-0	015 700 4741 6	KNOD DOWED
8	XTN26+8B	005 501 0320 7		35	RMP276ZA	015 652 1513 5	HOLDER
9	XUC3FT	005 512 0137 3	FRING	36	RZAFB40LX	015 630 2632 7	CHASSIS ASSY
10	RKH146ZA	015 826 1147 1	HAND STRAP	36A	RJC30010Z	oio aco zare i	BATTERY TERMINAL
11	RYFFB40LX	015 802 3229 4	REAR CABINET ASS'Y	36B	RJC70021ZA	003 413 1716 4	BATTERY TERMINAL
11A	RHG348ZA	015 653 1127 6	RUBBER	36C	RJC70022ZA		BATTERY TERMINAL
11B	RKL33ZA-0	015 828 0133 1		37	RUP2279ZAH	015 630 2631 8	DATIENT TERMINAL
12	RYMFB40LX		FRONT CABINET ASS'Y	38	RJT1073ZA	010 000 2001 0	TERMINAL
13	RBC1023PA	015 702 4009 7	RITTON ()	39	RJT1093ZA	003 413 1718 2	
14	RBC1023QA	015 702 4010 4	BUTTON (0)	40	RMC1145ZA	015 601 1141 9	SHIELD PLATE
15	RBC1023RA	015 702 4011 3	BUTTON (9)	41	RMC1146ZA	015 601 1141 6	SHIELD PLATE
16	RBC1023SA	015 702 4012 2	BITTON (8)	42	RMC1147ZA	015 601 1130 3	SHIELD PLATE
17	RBC1023TA	015 702 4013 1	BUTTON (7)	43	RMC1148ZA	015 601 1137 4	SHIELD PLATE
18	RBC1023UA	015 702 4014 0	BUTTON (6)	44	RMC1162ZA	015 601 1130 3	SHIELD PLATE
19	RBC1023VA	015 702 4015 9	BITTON (6)	45	1JSAB40ZA	015 934 0113 2	
20	RBC1023WA	015 702 4016 8	BUTTON (4)	46	RYKFB40LX	001 080 0398 9	DICDIAY
21	RBC1023XA		BUTTON, (3)	47	RME456ZA	015 632 6720 2	ANCIE
2	RBC1023YA	015 702 4018 6		48	RMC1143ZA	015 601 1134 7	SHIELD PLATE
3	RBC1023ZA	015 702 4019 5	BUTTON (1)	49	RMC1144ZA	015 601 1136 6	SHIELD PLATE
4		015 702 4080 0	BUTTON (M)	50	RMC1178ZA	015 601 1140 9	SHIELD PLATE
5	RBC1032ZB-0		BUTTON, ENTER	51	RHG5052ZA	015 653 1224 6	DUDDED
6	RBC1185ZA-0	015 702 4778 3		52	RHG5053ZA	015 653 1226 4	DUDDED
			טוויסוז, טאואט	53	RJP10G20Z	003 402 2528 3	NUDDEN

ACCESSARY AND PACKING PARTS LIST

Notes:

Important safety notice
 Components identified by ∆ mark have special characteristics important for safety.
 When replacing any of these components, use only manufacturer's specified parts.
 The letter in square brackets in the Ref. No. column indicates the shipping destination.
 [X]...For Asia, Latin America, Middle East and Africa areas. [XL]...For Australia.

Ref. No.	Part No.	Part Code	Description	Ref. No.	Part No.	Part Code	Description
PACKINGS				A2 🛆	RJP120ZS	003 402 1803 7	PLUG
P1 P2 P3 P4 P5	RPN5350ZA RPN5351ZA RPK2549ZA XZB18X25A01 RPE681ZA	015 977 3500 4 015 977 3501 3 015 972 2157 8 015 978 0746 1 015 977 3503 1	CUSHION CUSHION CARTON BOX PROTECTION COVER SPACER	(X) - A3 A4 A (XL) A4 A	XEH1A1-AB RD9496AXL RD9496XR	001 262 0246 2 015 914 0119 8 015 914 0274 8	AC ADAPTOR
ACCESSORIES A1	RSA805ZA	002 390 1649 0	ANTENNA CORD	(X) A5 A6	RQX5011ZA RQD248ZA-0	015 983 5085 4 015 910 3160 5	INSTRUCTION MANUAL CARRYING CASE

ELECTRICAL PARTS LIST

Ref. No.	Part No.	Part Code	Description	Ref. No.	Part No.	Part Code	Description	
INTEGRATED CIR	CUITS			VR1	EWAMF0X05A54	001 174 9085 6	V.R, VOLUME	-
IC1	AN7205	001 061 0362 8	LC. FM RF	VARIABLE CAPAC			T.II, TO LONE	
102	CX7961A	001 061 5650 3	I.C. PI I	CT1		201 1 10 0 771 1		
1C3	TA7758P	-	I.C. AM FM IF	CT2	RCV20AF1	001 142 0571 1	TRIMMER	
1C4	LA4147		I.C. AM POWER		RCV10AF1	001 142 0569 5	TRIMMER CAPACITOR	
1C5	RV I LA5003	001 061 0453 6	I.C. REGULATOR	COILS AND TRANS	FOMERS			
1C200	UPD7503G671	001 061 5653 0	I C CPU	L1	RLF6D19-0	001 214 1623 3	BAR ANTENNA	
TRANSISTORS				L2	RLQZN680K-D		COIL	
Q1	2SK436A20TX	004 000 7000 0		L3	RLQZN181K-D	001 211 4339 7		
02		001 030 7268 0	TRANSISTOR	L4	RLQZN220K-D		COIL	
03	2SC2295B 2SD601RTX	001 030 1266 6	TRANSISTOR	L5	RLQZN6R8K-D	001 211 4340 4		
Q4		001 030 7094 4	TRANSISTOR	L6	RLQZN1R0K	001 210 9900 9		
Q5	2SD596DV2TX	001 030 7473 7	TRANSISTOR	L7	RLQZNR47M-D	001 211 4337 9		
Q 6	2SK436A21TX	001 030 7476 4	TRANSISTOR	L8	RLQZN221K-D		COIL	
Q7	2SD601RTX	001 030 7094 4	TRANSISTOR	L9	RLQY10G5	001 210 1354 5		
Q8	2SK160K4TX	001 030 7474 6	TRANSISTOR	L10	RLQY75S5	001 210 1401 5		
Q9, Q10	2SC2404CTX	001 030 7310 5	TRANSISTOR	L11	RLQZPR82ML-Y			
Q11	2SK436A20TX	001 030 7268 0	TRANSISTOR	L12	RLQZN1R2K-D	001 211 4338 8		
Q12, Q13	2SK238K16TX	001 030 7475 5	TRANSISTOR	L13	RLQZPR22M	001 210 9906 3		
Q14	2SC2404CTX	001 030 7310 5	TRANSISTOR	L14	RLQZPR56ML-Y	33. 2.0 0000 0	COIL	
215	2SC2404CTX	001 030 7310 5	TRANSISTOR	L15	RL04N234-0	001 211 4343 1		
216	2SK160K4TX	001 030 7474 6	TRANSISTOR	L16	RLQZN101K		COIL	
217, Q18	2SC1623L6ATX	001 030 7071 1	TRANSISTOR	L17	RLQY25S5	001 210 1383 0		
217. 016	2SC2404CTX	001 030 7310 5	TRANSISTOR	L18	RL04N125	001 210 1768 7		
120, 021	2SC2404CTX	001 030 7310 5	TRANSISTOR	L19	RL04N239-0	001 211 4344 0		
122	2SC1623L6ATX	001 030 7071 1	TRANSISTOR	L20	RLQY15G5	001 210 9796 1		
22 3	2SC1623L6ATX	001 030 7071 1	TRANSISTOR	L21	RLQZN470K-D		COIL	
224, Q25	2SC2295B	001 030 1266 6	TRANSISTOR	L22	RLQZN101K		COIL	
226	2SB709S	001 030 0734 3	TRANSISTOR	L23	RLQZN221K-D		COIL	
227	2SC1623L6ATX 2SD601RTX	001 030 7071 1	TRANSISTOR	L24	RLQZP1R2ML-Y	001 211 4342 2	COLL	
228		001 030 7094 4	TRANSISTOR	T1.	RLA6C1-T		COIL	
229. Q30	2SK160K4TX 2SC2295B	001 030 7474 6	TRANSISTOR	T2	RLA3Z11-0		COIL	
231		001 030 1266 6	TRANSISTOR	T3. T4	RLI3A4-M	001 215 3254 5	1.F.TRANSFORMER	
332	2SC1623L6ATX	001 030 7071 1	TRANSISTOR	T5	RL13A3-T		I.F.TRANSFORMER	
033, Q200	2SC2295B	001 030 1266 6	TRANSISTOR	T6.	RL14A4	001 215 2484 7	I.F.TRANSFOMER	
201	2SD601RTX	001 030 7094 4	TRANSISTOR	T7	RL03A12-T	001 211 4010 9	COLL	
	2SD601RTX	001 030 7094 4	TRANSISTOR	T8	RL12A34-T		I.F.TRANSFOMER	
OIODES	2. 智慧 THI 12 HO HE HE	1.00%	the state of the second	T9	RL12A35-T		1.F.TRANSFOMER	
1, D2	0A90	001 032 2718 5	DIODE	T10	RL14A33-T		I.F.TRANSFOMER	
3	MA553	001 032 4971 6	DIODE	- J11	RL09A11-T	001 211 4065 4		
4 %	RVD1SV147RA	001 033 0386 8		COMPONENT COM	BINATIONS	1 1 1 1 1 1 1 1 V		
5	MA151KTX	001 032 7613 3		Z1		001 000 1400 0	OOI IDOLIES TO	
6	RVD1SS135	001 032 6340 3			RXABPMB8	001 230 1488 0	COMPONENTS COM/BINATION	N
7. D8	RVD1SV147RA	001 033 0386 8	DIODE	FILTERS		11 1	41, 60, 91	
9	MA151KTX	001 032 7613 3	DIODE	CF1	RVF107WAZ	001 241 0408 9	CERAMIC FILTER	
10, D11	MA721	001 033 0163 1		CF2	SVF450UI1-M	001 241 1442 3	CERAMIC FILTER	
12	MA721	001 033 0163 1		CF3	RVF107WAZ	001 241 0408 9	CERAMIC FILTER	
13	MA4051LRA	001 033 0384 0	DIODE	XF1	RVX55M845A	001 241 1443 2	CERAMIC FILTER	
14	MA711	001 032 8534 7		SWITCHES				
15	RVDMTZ13C	001 033 0084 9		S1, S2	RSS2B43Y	000 401 000F 0	OW ANTIOTHE	
16	MA151KTX	001 032 7613 3		S3, S4	RSS2B60ZA-M	003 431 2695 6		
17	MA724TX	001 033 0385 9		S200, S201		000 401 000 2	SW, TONE/POWR	
200	MA3033LTX	001 033 0383 1			RSS2B40Z	003 431 2692 9	SW, LOCK/STE	
201	MA151KTX	001 032 7613 3		OTHERS			2 1 1 1	
202, D203	RVDPR2434D	001 032 3539 2		J1	QJA0199	003 400 5175 6	JACK, EP	
ARIABLE RESISTO	RS			J2	RJJ1B1Z	003 400 5292 2	JACK DC	
				X1	RVCE4500NZW	001 141 0622 2	CRYSTAL	
				1 X2	RVCA55395NRW	001 141 0621 3		

RESISTOR AND CAPACITOR PARTS LIST

Numbering System of Resistor

ERD.	25	F	J	101
Туре	Wattage	Shape	Tolerance	Value (100Ω)
ERJ	6G	С	J	2R2
Type	Wattage	Shape	Tolerance	Value

Numbering System of Capacitor

Example: ECKD	1H	102	Z	F
Туре	Voltage	Value (1000 pF)	Tolerance	Peculiarity
Type	50 Voltage	M Peculiarity	R47 Value	
1,00	ronago		(0.47.1E)	

P	esistor Type	W	sttage	Tolerance	
	Carbon Resistor Solid Resistor Incombustible Box-Shaped Wire-Wound	10 25 50 18	: 1/8W : 1/4W : 1/2W : 1/8W : 1/4W	F: ±1% G: ±2% J: ±5% K: ±10% M: ±20%	
ERG:	Resistor Metal Oxide-Film Resistor	12 1 2	: 1/2W : 1W : 2W		
ERM:	Wire-Wound Resistor	3 S1	: 3W : 1/2W		
ERO:	Superstable Metal Film Resistor		: 1/4W : 1/10W : 1/8W		
ERX:	Metal-Film Resistor				
RRJ: ERJ:	Chip Resistor				

Capacity are in microfarads (μF) unless specified otherwise, P=Pico-farads.
 Resistance are in ohms (Ω), unless specified otherwise, 1K=1,000Ω, 1M=1,000 KΩ

	Capacitor Type	Voltage	Tolerance
ECCD: ECKD: ECFD: ECCS: ECQC: ECQS: ECQS: ECQV: ECUC: ECUC: ECUC: ECBT:	Ceramic Capacitor (Chitacon) Ceramic Capacitor (Chitabari) Semiconductor Ceramic Capacitor Electrolytic Capacitor Tantalum Fixed Electrolytic Capacitor Polystyrenc Film Capacitor Polystyrene Film Capacitor Polypropylene Film Capacitor T.F Capacitor Chip Capacitor Cylindrical Ceramic	(ECCD, ECKD Type) 1H: 50V DC 2H: 500V DC (ECCP Type) C: 12V DC D: 25V DC E: 50V DC (ECQ Type) 05: 50WV DC 1: 100WV DC (ECE, ECS Type) 0G: 4V	K: ±10% M: ±20% Z: +80% Z: +80% J: ±5% G: ±2% F: ±1% C: ±0.25pF D: ±0.5pF
ECU□:	Chip Capacitor		

Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code
			R46	RRJ6GCJ103TE	001 151 6750 5	R92	RRJ6GCJ331TE	001 151 7177 8
RESISTORS			R47	RRJ6GCJ332TE	001 151 7178 7	R93	RRJ6GCJ332TE	001 151 7178 7
R1	RRJ6GCJ103TE	001 151 6750 5	R48	RRJ6GCJ682TE	001 151 7187 6	R94	RRJ6GCJ223TE	001 151 7173 2
R2	RRJ6GCJ472TE	001 151 6751 4	R49	RRJ6GCJ221TE	001 151 6507 4	R95	RRJ6GCJ473TE	001 151 6450 4
R3	RRJ6GCJ100TE	001 151 6749 8	R50	RRJ6GCJ272TE	001 151 7175 0	R96	RRJ6GCJ102TE	001 151 7163 4
R4	RRJ6GCJ103TE	001 151 6750 5	R51	RRJ6GCJ153	001 152 5879 8	R97 .	RRJ6GCJ391TE	001 151 6700 5
R5	RRJ6GCJ152	001 152 5878 9	R53	RRJ6GCJ222TE	001 151 7172 3	R98, R99	RRJ6GCJ332TE	001 151 7178 7
R6	RRJ6GCJ472TE	001 151 6751 4	R54	RRJ6GCJ104TE	001 151 7164 3	R100	RRJ6GCJ223TE	001 151 7173 2
R7	RRJ6GCJ222TE	001 151 7172 3	R55	RRJ6GCJ470TE	001 151 7180 3	R101	RRJ6GCJ470TE	001 151 7180 3
R8	RRJ6GCJ101TE	001 151 7162 5	R56	RRJ6GCJ103TE	001 151 6750 5	R102	RRJ6GCJ332TE	001 151 7178 7
R9	RRJ6GCJ333	001 152 5867 2	R57	RRJ6GCJ104TE	001 151 7164 3	R104	RRJ6GCJ103TE	001 151 6750 5
R10	RRJ6GCJ103TE	001 151 6750 5	R58	RRJ6GCJ151TE	001 151 7168 9	R105	RRJ6GCJ471TE	001 151 7181 2
R11	RRJ6GCJ331TE	001 151 7177 8	R59	RRJ6GCJ330	001 152 5882 3	R106	RRJ6GCJ823TE	001 151 7190 1
R12	RRJ6GCJ330	001 152 5882 3	R60	RRJ6GCJ471TE	001 151 7181 2	R107	RRJ6GCJ471TE	001 151 7181 2
R13	RRJ6GCJ102TE	001 151 7163 4	R61	RRJ6GCJ151TE	001 151 7168 9	R108	RRJ6GCJ182	001 152 5881 4
R14	RRJ6GCJ152	001 152 5878 9	R62	RRJ6GCJ332TE	001 151 7178 7	R109	RRJ6GCJ333	001 152 5867 2
R15	RRJ6GCJ470TE	001 151 7180 3	R63	RRJ6GCJ104TE	001 151 7164 3	R110	RRJ6GCJ470TE	001 151 7180 3
R16. R17	RRJ6GCJ220TE	001 151 7171 4	R64	RRJ6GCJ473TE	001 151 6450 4	R111	RRJ6GCJ472TE	001 151 6751 4
R18	RRJ6GCJ471TE	001 151 7181 2	R65	RRJ6GCJ472TE	001 151 6751 4	R112	RRJ6GCJ104TE	001 151 7164 3
R19	RRJ6GCJ473TE	001 151 6450 4	R66	RRJ6GCJ332TE	001 151 7178 7	R113	RRJ6GCJ103TE	001 151 6750 5
R20. R21	RRJ6GCJ472TE	001 151 6751 4	R67	RRJ6GCJ102TE	001 151 7163 4	R114	RRJ6GCJ104TE	001 151 7164 3
R22	RRJ6GCJ474	001 152 5869 0	R68	RRJ6GCJ331TE	001 151 7177 8	R115	RRJ6GCJ221TE	001 151 6507 4
R23	RRJ6GCJ154	001 152 5880 5	R69	RRJ6GCJ472TE	001 151 6751 4	R116	RRJ6GCJ223TE	001 151 7173 2
R24	RRJ6GCJ101TE	001 151 7162 5	R70	RRJ6GCJ473TE	001 151 6450 4	R117	RRJ6GCJ470TE	001 151 7180 3
R25	RRJ6GCJ102TE	001 151 7163 4	R71	RRJ6GCJ153	001 152 5879 8	R118	RRJ6GCJ562	001 152 5870 7
R26	RRJ6GCJ101TE	001 151 7162 5	R72	RRJ6GCJ473TE	001 151 6450 4	R200, R201	RRJ6GCJ102TE	001 151 7163 4
R27	RRJ6GCJ102TE	001 151 7163 4	R73	RRJ6GCJ222TE	001 151 7172 3	R202	RRJ6GCJ222TE	001 151 7172 3
R28	RRJ6GCJ101TE	001 151 7162 5	R74	RRJ6GCJ472TE	001 151 6751 4	R203	RRJ6GCJ104TE	001 151 7164 3
R29	RRJ6GCJ102TE	001 151 7163 4	R75	RRJ6GCJ222TE	001 151 7172 3	R204	RRJ6GCJ223TE	001 151 7173 2
R30	RRJ6GCJ101TE	001 151 7162 5	R76	RRJ6GCJ182	001 152 5881 4	R205	RRJ6GCJ182	001 152 5881 4
R31	RRJ6GCJ332TE	001 151 7178 7	R77	RRJ6GCJ222TE	001 151 7172 3	R207	RRJ6GCJ223TE	001 151 7173 2
R32	RRJ6GCJ101TE	001 151 7162 5	R78	RRJ6GCJ332TE	001 151 7178 7	R208	RRJ6GCJ103TE	001 151 6750 5
R33	RRJ6GCJ470TE	001 151 7180 3	R79	RRJ6GCJ223TE	001 151 7173 2	R209	RRJ6GCJ223TE	001 151 7173 2
R34	RRJ6GCJ104TE	001 151 7164 3	B80	RRJ6GCJ222TE	001 151 7172 3	R210	RRJ6GCJ470TE	001 151 7180 3
R35	RRJ6GCJ101TE	001 151 7162 5	R81	RRJ6GCJ272TE	001 151 7175 0	R211	RRJ6GCJ223TE	001 151 7173 2
R36	RRJ6GCJ103TE	001 151 6750 5	R82. R83	RRJ6GCJ153	001 152 5879 8	R212	RRJ6GCJ470TE	001 151 7180 3
R37	RRJ6GCJ101TE	001 151 7162 5	R84	RRJ6GCJ221TE	001 151 6507 4	R213	RRJ6GCJ104TE	001 151 7164 3
R38	RRJ6GCJ102TE	001 151 7163 4	R85	RRJ6GCJ472TE	001 151 6751 4	R214	RRJ6GCJ471TE	001 151 7181 2
R39	RRJ6GCJ151TE	001 151 7168 9	R86	RRJ6GCJ152	001 152 5878 9	R216	RRJ6GCJ101TE	001 151 7162 5
R40	RRJ6GCJ104TE	001 151 7164 3	R87	RRJ6GCJ103TE	001 151 6750 5	R217	RRJ6GCJ223TE	001 151 7173 2
R41	RRJ6GCJ471TE	001 151 7181 2	R88	RRJ6GCJ682TE	001 151 7187 6	R218	RRJ6GCJ224TE	001 151 7174 1
R42	RRJ6GCJ104TE	001 151 7164 3	R89. R90	RRJ6GCJ681TE	001 151 7186 7	R220	RRJ6GCJ471TE	001 151 7181 2
R42	RRJ6GCJ151TE	001 151 7168 9		RRJ6GCJ101TE	001 151 7162 5	R221, R222	RRJ6GCJ223TE	001 151 7173 2
R45	RRJ6GCJ101TE	001 151 7162 5	R91	UUDOGCOIOITE	WI 131 1102 3			

RF-B40DL

Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code
R223, R224	RRJ6GCJ471TE	001 151 7181 2	C39	RCUV1H390KC	001 103 9249 1	C95	RCUV1H103ZF	001 103 8690 2
225 NZZ4	RRJ6GCJ103TE	001 151 6750 5	C40	RCUV1H020CC	001 103 9222 2	C96	RCUV1E103MD	001 103 9214 2
226	RRJ6GCJ223TE	001 151 7173 2	C41	RCUV1H102MD	001 103 9230 2	C97, C98	RCUV1H103ZF	001 103 8690 2
	RRJ6GCJ103TE	001 151 6750 5	C42	RCUV1H150KC	001 103 9235 7	C99	RCUV1H103ZF	001 103 8690 2
227		001 151 7173 2	C43	RCUV1H390KC	001 103 9249 1	C100	RCUV1E223MD	001 103 9216 0
1228	RRJ6GCJ223TE	001 151 7181 2	C44	RCUV1H150KC	001 103 9235 7	C101	ECEA1HK010	001 120 0341 5
R229, R230	RRJ6GCJ471TE		C45	ECEA0GK470	001 120 2624 9	C102	RCUV1E223MD	001 103 9216 0
R231, R232	RRJ6GCJ473TE	001 151 6450 4	C45	RCUV1H472MD	001 103 8780 1	C103	ECEA0JK101	001 120 0136 8
R233, R234	RRJ6GCJ473TE	001 151 6450 4		RCUV1H020CC	001 103 9222 2	C104	RCUV1H222MD	001 103 9243 7
R235	RRJ6GCJ473TE	001 151 6450 4	C47		001 103 9214 2	C105	ECEA0JU470	001 120 3125 9
R236, R237	RRJ6GCJ104TE	001 151 7164 3	C48	RCUV1E103MD	001 120 0222 1	C106	RCUV1H101K	001 103 9229 5
R238	RRJ6GCJ104TE	001 151 7164 3	C49	ECEA1CK100			ECEA0JU471	001 120 2924 0
R239, R240	RRJ6GCJ473TE	001 151 6450 4	C50	RCUV1H102MD	001 103 9230 2	C107		001 120 3125 9
R241	RRJ6GCJ473TE	001 151 6450 4	C51, C52	RCUV1H103ZF	001 103 8690 2	C108	ECEA0JU470	001 103 6960 7
R242, R243	RRJ6GCJ103TE	001 151 6750 5	C53	RCUV1H120KC	001 103 9233 9	C109	ECUV1E104MD	
R244, R245	RRJ6GCJ103TE	001 151 6750 5	C54	RCUV1H390KC	001 103 9249 1	C110	RCUV1E103MD	001 103 9214 2
R246	RRJ6GCJ103TE	001 151 6750 5	C55	RCUV1H103ZF	001 103 8690 2	C111	ECEA0JU101	001 120 2829 8
R247, R248	RRJ6GCJ473TE	001 151 6450 4	C56	ECQV1H824JZ	001 106 3226 7	C112	ECEA1AU471	001 120 3029 8
R249	RRJ6GCJ473TE	001 151 6450 4	C57	RCUV1H102MD	001 103 9230 2	C113	ECEA1CU100	001 120 2905 3
RJ1, RJ3	RRJ6GCJ000TE	001 151 7161 6	C58	RCUV1E223MD	001 103 9216 0	C114	ECEA0JU221	001 120 2925 9
	111000000012	001 101 1101 0	C59	RCUV1E103MD	001 103 9214 2	C115	RCUV1E103MD	001 103 9214 2
CAPACITORS			- C60	RCUV1H101K	001 103 9229 5	C116, C117	RCUV1H103ZF	001 103 8690 2
C1	RCUV1E103MD	001 103 9214 2	C61, C62	RCUV1H102MD	001 103 9230 2	C118	ECUV1E104MD	001 103 6960
C2	RCUV1E223MD	001 103 9216 0	C63	RCUV1H070DC	001 103 8930 5	C119	ECEA1CK100	001 120 0222
C3	ECEA1CU100	001 120 2905 3		RCUV1H222MD	001 103 9243 7	C120	ECEA1EK3R3	001 120 0292
C4	RCUV1E103MD	001 103 9214 2	C65		001 103 3243 7	C121	RCUV1E223ZF	001 103 9217 9
C5	ECCV1H680KC	001 103 9570 5	C66	RCUV1E103MD	001 103 9225 9	C122	RCUV1H220KC	001 103 8693 9
C6	RCUV1H680KC	***	C67	RCUV1H050DC		C123	RCUV1H270KC	001 103 9245
C7	RCUV1H221K	001 103 9242 8	C68	RCUV1H030CC	001 103 9223 1	C123	RCUV1E223ZF	001 103 9217
C8	RCUV1H681KB	001 103 9255 3	C69	RCUV1H220KC	001 103 8693 9		ECEA1AK220	001 120 0176 (
C9	RCUV1H221K	001 103 9242 8	C70, C71	RCUV1E103MD	001 103 9214 2	C125		001 103 9218
		001 103 9223 1	C72	RCUV1H150KC	001 103 9235 7	C126	RCUV1E333MD	
C10	RCUV1H030CC		C73	ECEA0GK101	001 120 2620 3	C127	ECQM1H473JZ	001 106 0810
C11	ECEA1CU100	001 120 2905 3	C74	RCUV1H102MD	001 103 9230 2	C128, C129	RCUV1H221K	001 103 9242
C12	RCUV1H050DC	001 103 9225 9	C75	RCUV1E103MD	001 103 9214 2	C130	RCUV1H221K	001 103 9242
C13	ECEA1HKR33	001 120 0337 1	C76	ECEA1CK100	001 120 0222 1	C133	RCUV1E223ZF	001 103 9217
C14	RCUV1E103MD	001 103 9214 2	C77	RCUV1H103ZF	001 103 8690 2	C134	RCUV1E103MD	001 103 9214
C15	RCUV1H103ZF	001 103 8690 2	C78	RCUV1H220KC	001 103 8693 9	C200, C201	RCUV1E223ZF	001 103 9217
C16	RCUV1H390KC	001 103 9249 1	C79	RCUV1H103ZF	001 103 8690 2	C202	RCUV1H270JC	001 103 9571
C17	RCUV1E223MD	001 103 9216 0	C80	RCUV1H030CC	001 103 9223 1	C203	RCUV1E223ZF	001 103 9217
C18	RCUV1H270KC	001 103 9245 5	C81	RCUV1H472MD	001 103 8780 1	C204	RCUV1H102MD	001 103 9230
C20	RCUV1E103MD	001 103 9214 2	C82	ECEAOJK220	001 120 0139 5	C205	RCUV1E223ZF	001 103 9217
C21, C22	RCUV1H101K	001 103 9229 5		RCUV1H103ZF	001 103 8690 2	C206	ECST1CY474LL	001 123 1246
C23	RCUV1H820KC	001 103 9260 6	C83		001 120 0139 5	C207	RCUV1H103ZF	001 103 8690
C24	RCUV1H680KC		C84	ECEAOJK220		C208	ECSTOJY225LL	001 123 1245
C25	RCUV1E103MD	001 103 9214 2	C85	RCUV1H472MD	001 103 8780 1		RCUV1E223ZF	001 103 9217
C26	ECEA1CU100	001 120 2905 3	C86	RCUV1E104ZF	001 103 7066 4	C209	RCUV1H103ZF	001 103 8690
C26 C28, C29	RCUV1H222MD	001 103 9243 7	C87	RCUV1E103MD	001 103 9214 2	C210, C211		001 103 9230
	RCUV1H472MD	001 103 8780 1	C88	RCUV1E153MD	001 103 9215 1	C212, C213	RCUV1H102MD	001 103 3230
C30			C89	ECEA1HKR47	001 120 0338 0	C214	RCUV1H103ZF	
C33	RCUV1H102MD	001 103 9230 2	C90	ECEA1HK0R1	001 120 0340 6	C215	ECST0JY225LL	001 123 1245
C34, C35	RCUV1H103ZF	001 103 8690 2	C91	ECEA1HK010	001 120 0341 5	C216	RCUV1E223ZF	001 103 9217
C36	RCUV1H070DC	001 103 8930 5	C92	RCUV1H102MD	001 103 9230 2	C217	RCUV1H103ZF	001 103 8690
C37	ECEA1CK100	001 120 0222 1	C93	ECUV1E104MD	001 103 6960 7	C218	ECUV1E104MD	001 103 6960
C38	RCUV1H103ZF	001 103 8690 2	C94	RCUV1E333MD	001 103 9218 8	C219	ECEA0GKK220	001 120 3848
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